

ABSTRACT OF THE DISCLOSURE

A video image coding apparatus which realizes appropriate allocation of an information amount to individual image divisions to reduce the difference in picture quality among different divisions of a decoded image. An input video image signal is into a plurality of image divisions by an image dividing section, and the image divisions are compressed coded by a plurality of coding sections. Resulting compression encoded data are multiplexed by a multiplexing section re-construct compression encoded data, and the compression encoded data are outputted as a compression stream. A coordinated coding control section receives some or all of coding parameters, image status parameters and coding result parameters of the coding sections and adjusts the parameters to be used for compression encoding by the coding sections in a control period or under a control condition determined in advance.